



# KRT16 Antibody

<b>Product Code</b>	CSB-PA984046
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P08779
<b>Immunogen</b>	Synthesized peptide derived from Human Keratin 16.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	The antibody detects endogenous levels of total Keratin 16 protein.
<b>Tested Applications</b>	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
<b>Relevance</b>	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus.
	Qian Wang, J. Virol., Jan 2004; 78: 821 - 833. RD Paladini, RD Paladini, J. Cell Biol., Feb 1996; 132: 381. M.K. Shamsher, Hum. Mol. Genet., Oct 1995; 4: 1875 - 1881. Ying-Nai Wang, Mol. Pharmacol., Jan 2006; 69: 85 - 98.
<b>Form</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	Keratin type I cytoskeletal 16; Cytokeratin-16; CK-16; K16;
<b>Product Type</b>	Polyclonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	KRT16
<b>Image</b>	

